(Contents continued from back cover)

The influence of concentration on the release of drugs from gels and matrices containing Methocel®
K. Mitchell, J.L. Ford, D.J. Armstrong, P.N.C. Elliott, C. Rostron and J.E. Hogan (UK) 155
The influence of drugs on the properties of gels and swelling characteristics of matrices containing methylcellulose or hydroxypropylmethylcellulose
K. Mitchell, J.L. Ford, D.J. Armstrong, P.N.C. Elliott, J.E. Hogan and C. Rostron (UK) 165
The influence of the particle size of hydroxypropylmethylcellulose K15M on its hydration and performance in matrix tablets
K. Mitchell, J.L. Ford, D.J. Armstrong, P.N.C. Elliott, J.E. Hogan and C. Rostron (UK) 175
A systematic study on the chemical stability of the novel indoloquinone antitumour agent EO9
J.D. De Vries, J. Winkelhorst, W.J.M. Underberg, R.E.C. Henrar and J.H. Beijnen (The Netherlands) 181
The effect of each of three physicochemical variables on solute uptake by polyvinylchloride infusion bags
P. Prayurnprohm and A.E. Polack (Australia) 189
Assessment of polysaccharide gels as drug delivery vehicles
L.E. McTaggart and G.W. Halbert (UK) 199
Interlot variability of carbomer 934
B. Pérez-Marcos, R. Martínez-Pacheco, J.L. Gómez-Amoza, C. Souto, A. Concheiro and R.C. Rowe (Spain, UK) 207
Evaluation of analytical methods: Liquid chromatography of cefalexin
C. Hendrix, Z. Yongxin, C. Van houtven, J. Thomas, E. Roets and J. Hoogmartens (Belgium) 213
Preparation and evaluation in vitro of solutions and o/w microemulsions containing levobunolol as ion-pair
M. Gallarate, M.R. Gasco, M. Trotta, P. Chetoni and M.F. Saettone (Italy) 219
Simultaneous quantitative determination of salbutamol sulfate and bromhexine hydrochloride in drug preparations by difference spectrophotometry
P. Parimoo, P. Umapathi and K. Ilango (India) 227
Transport and degradation characteristics of methotrexate dialkyl ester prodrugs across tape-stripped hairless mouse skin
J.J. Fort, Z. Shao and A.K. Mitra (USA) 233
Properties of hydroxypropylmethylcellulose granules produced by water spraying
C.-H. Liu, S.-C. Chen, Y.-H. Kao, C.-C. Kao, T.D. Sokoloski and M.-T. Sheu (Taiwan, ROC, USA) 241

Notes
The effect of magnesium trisilicate on proguanil absorption
C.O. Onyeji and C.P. Babalola (Nigeria) 249
Nil effect of cigarette smoking on ranitidine pharmacokinetics
Abd.E.M. Gharaibeh, H.N. Alkaysi, M.S. Salem and K.I.A. Gharaibeh (Jordan) 253
The effect of the physicochemical properties of a drug on its release from chitosonium malate matrix tablets
J. Akbuğa (Turkey) 257
Structure and behaviour of hydrophilic matrix sustained release dosage forms: 1. The origin and mechanism of formation of gas bubbles in the hydrated surface layer
C.D. Melia, A.R. Rajabi-Siahboomi, A.C. Hodsdon, J. Adler and J.R. Mitchell (UK) 263
Biological effects of a dipeptide methyl ester on *Echinococcus multilocularis* metacestodes in vivo
N. Walchshofer, M.-E. Sarciron, C. Arsac, S. Walbaum, J. Paris and A.-F. Petavy (France) 271
Effects on splenic, hepatic, hematological, and growth parameters following high-dose poloxamer 407 administration to rats
T.P. Johnston, H. Beris, Z.G. Wout and J.L. Kennedy (USA) 279

Author Index 285

Noticeboard 289

Master Index Vols. 91–100 291